

# CLAIMS

What is claimed is:

1. A compound of formula (I):

Sag-Tag

(I)

or a stereoisomer or a pharmaceutically acceptable salt form thereof, wherein:

Sag is R<sup>A</sup> or R<sup>B</sup>;

wherein

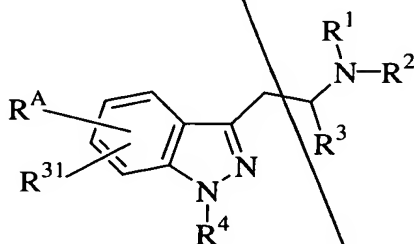
R<sup>A</sup> is -NR<sup>12</sup>R<sup>13</sup>;

R<sup>B</sup> is -NR<sup>12</sup>R<sup>13</sup> or aryl substituted with 0-5 R<sup>33</sup>; and

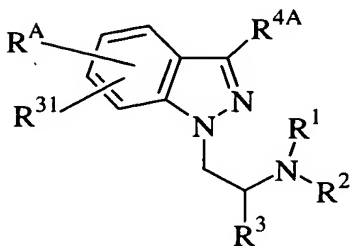
aryl is phenyl, pyridyl, or naphthyl; and

Tag is a heterocyclic serotonin receptor ligand template selected from:

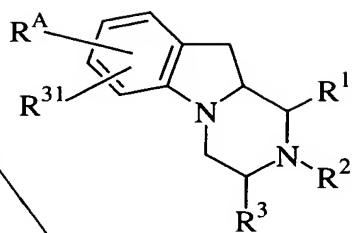
1)



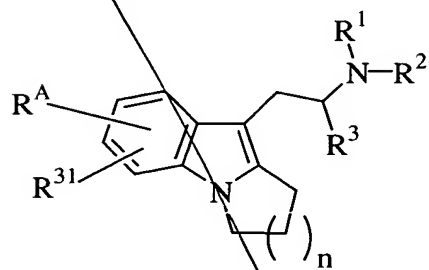
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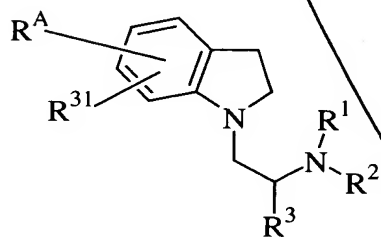
3)



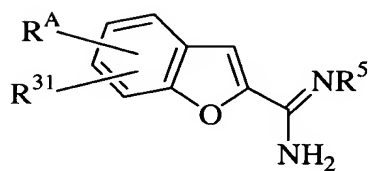
4)



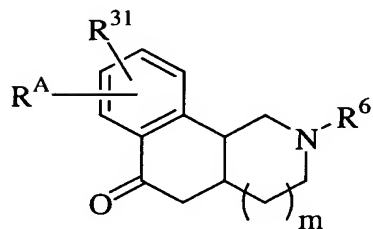
5)



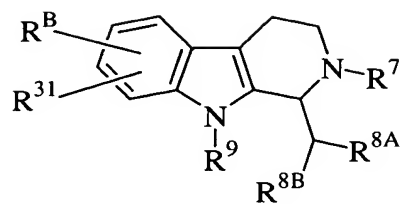
6)



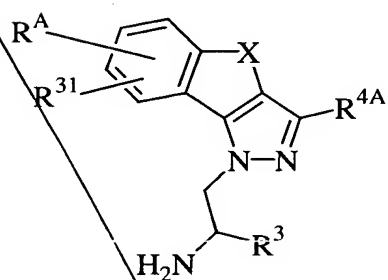
7)



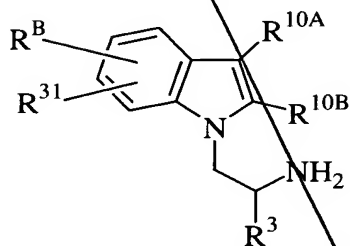
8)



9)

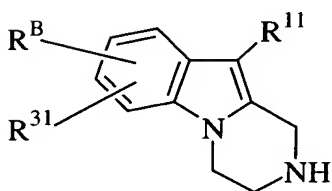


10)



and

11)



wherein:

X is  $-\text{CH}=\text{CH}-$ ,  $-\text{CR}^1\text{R}^2-$ , or  $-\text{CR}^1\text{R}^2-\text{CR}^1\text{R}^2-$ ;

n is 1, 2, or 3;

m is 0 or 1;

$\text{R}^1$  is H or  $\text{C}_{1-4}$  alkyl;

$\text{R}^2$  is H or  $\text{C}_{1-4}$  alkyl;

$\text{R}^3$  is H or  $\text{C}_{1-4}$  alkyl;

*Sub A4*

~~R<sup>4</sup> is H or C<sub>1-4</sub> alkyl;  
R<sup>4A</sup> is H, C<sub>1-4</sub> alkyl or C<sub>1-4</sub> alkyloxy;  
R<sup>5</sup> is H, -OH or C<sub>1-4</sub> alkyloxy;  
R<sup>6</sup> is H, C<sub>1-6</sub> alkyl, C<sub>2-6</sub> alkenyl, or C<sub>1-2</sub> alkyl substituted  
5 with R<sup>6A</sup>;  
R<sup>6A</sup> is phenyl, cyclopropyl, cyclobutyl, cyclopentyl or  
cyclohexyl;  
R<sup>7</sup> is H, C<sub>1-6</sub> alkyl, C<sub>2-6</sub> alkenyl, cyclopropyl, cyclobutyl,  
cyclopentyl or cyclohexyl;  
10 R<sup>8A</sup> is a 5-10 membered heterocyclic ring system containing  
from 1-3 heteroatoms selected from the group  
benzimidazolyl, benzimidazoliny, benztriazolyl,  
benzisoxazolyl, benzisoxazoliny, benzoxazolyl,  
benzoxazoliny, benzthiazolyl, benzisothiazolyl,  
15 indolyl, indoliny, isoindoliny, indazolyl,  
isatinoyl, isoxazolopyridiny, isothiazolopyridiny,  
thiazolopyridiny, oxazolopyridiny, oxindolyl,  
oxazolidiny, imidazolopyridiny, and  
pyrazolopyridiny;  
20 wherein said heterocyclic ring system is substituted  
with 0-2 R<sup>41</sup>;  
R<sup>8B</sup> is H, C<sub>1-6</sub> alkyl, C<sub>2-6</sub> alkenyl, cyclopropyl, cyclobutyl,  
cyclopentyl or cyclohexyl;  
R<sup>9</sup> is H, C<sub>1-6</sub> alkyl, C<sub>2-6</sub> alkenyl, cyclopropyl, cyclobutyl,  
25 cyclopentyl or cyclohexyl;  
R<sup>10A</sup> and R<sup>10b</sup>, at each occurrence, are independently  
selected from  
H, -OH, halo, -CF<sub>3</sub>, -OCF<sub>3</sub>, C<sub>1-6</sub> alkyl, C<sub>1-6</sub> alkyloxy-,  
cyclopropyl, cyclobutyl, cyclopentyl or cyclohexyl;  
30 R<sup>11</sup> is H, C<sub>1-6</sub> alkoxy or C<sub>1-6</sub> alkyl-S-;  
R<sup>12</sup> is aryl substituted with 0-5 R<sup>33</sup>;  
R<sup>13</sup> is selected from  
H, C<sub>1-4</sub> alkyl, C<sub>2-4</sub> alkenyl, and C<sub>2-4</sub> alkynyl;  
alternatively, R<sup>12</sup> and R<sup>13</sup> join to form a 5- or 6-membered  
35 ring optionally substituted with -O- or -N(R<sup>14</sup>)-;~~

alternatively, R<sup>12</sup> and R<sup>13</sup> when attached to N may be combined to form a 9- or 10-membered bicyclic heterocyclic ring system containing from 1-3 heteroatoms selected from the group consisting of N, O, and S, wherein said bicyclic heterocyclic ring system is unsaturated or partially saturated, wherein said bicyclic heterocyclic ring system is substituted with 0-3 R<sup>16</sup>;

R<sup>14</sup> is H or C<sub>1-4</sub> alkyl;

Sub  
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10 R<sup>16</sup>, at each occurrence, is independently selected from H, OH, halo, CN, NO<sub>2</sub>, CF<sub>3</sub>, SO<sub>2</sub>R<sup>45</sup>, NR<sup>46</sup>R<sup>47</sup>, -C(=O)H, C<sub>1-4</sub> alkyl, C<sub>2-4</sub> alkenyl, C<sub>2-4</sub> alkynyl, C<sub>1-4</sub> haloalkyl, C<sub>1-3</sub> haloalkyl-oxy-, and C<sub>1-3</sub> alkyloxy-;

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15 R<sup>31</sup>, at each occurrence, is independently selected from H, -OH, halo, -CN, -NO<sub>2</sub>, -CF<sub>3</sub>, -OCF<sub>3</sub>, C<sub>1-6</sub> alkyl, C<sub>1-4</sub> alkyl-C(=O)-, C<sub>1-4</sub> alkyloxy-, C<sub>1-4</sub> alkylthio-, C<sub>1-4</sub> alkyl-S(=O)-, and C<sub>1-4</sub> alkyl-SO<sub>2</sub>-;

20 R<sup>33</sup>, at each occurrence, is independently selected from H, OH, halo, CN, NO<sub>2</sub>, CF<sub>3</sub>, SO<sub>2</sub>R<sup>45</sup>, NR<sup>46</sup>R<sup>47</sup>, -C(=O)H, phenyl, C<sub>1-6</sub> alkyl, C<sub>2-6</sub> alkenyl, C<sub>2-6</sub> alkynyl, C<sub>3-6</sub> cycloalkyl, C<sub>1-4</sub> haloalkyl, C<sub>1-4</sub> haloalkyl-oxy-, C<sub>1-4</sub> alkyloxy-, C<sub>1-4</sub> alkylthio-, C<sub>1-4</sub> alkyl-C(=O)-, C<sub>1-4</sub> alkyl-C(=O)NH-, C<sub>1-4</sub> alkyl-OC(=O)-, C<sub>1-4</sub> alkyl-C(=O)O-, C<sub>3-6</sub> cycloalkyl-oxy-,  
25 C<sub>3-6</sub> cycloalkylmethyl-oxy-;  
C<sub>1-6</sub> alkyl substituted with OH, methoxy, ethoxy, propoxy, butoxy, -SO<sub>2</sub>R<sup>45</sup>, -NR<sup>46</sup>R<sup>47</sup>, NR<sup>46</sup>R<sup>47</sup>C(=O)-, or (C<sub>1-4</sub> alkyl)CO<sub>2</sub>-; and  
C<sub>2-6</sub> alkenyl substituted with OH, methoxy, ethoxy,  
30 propoxy, butoxy, -SO<sub>2</sub>R<sup>45</sup>, -NR<sup>46</sup>R<sup>47</sup>, NR<sup>46</sup>R<sup>47</sup>C(=O)-, or (C<sub>1-4</sub> alkyl)CO<sub>2</sub>-;

R<sup>41</sup>, at each occurrence, is independently selected from H, -OH, F, Cl, -CF<sub>3</sub>, -OCF<sub>3</sub>, methyl, ethyl, methoxy, and ethoxy;

1 R<sup>45</sup> is C<sub>1-4</sub> alkyl;

R<sup>46</sup>, at each occurrence, is independently selected from H and C<sub>1-4</sub> alkyl; and

5 R<sup>47</sup>, at each occurrence, is independently selected from H, C<sub>1-4</sub> alkyl, -C(=O)NH(C<sub>1-4</sub> alkyl), -SO<sub>2</sub>(C<sub>1-4</sub> alkyl), -C(=O)O(C<sub>1-4</sub> alkyl), -C(=O)(C<sub>1-4</sub> alkyl), and -C(=O)H.

2. A compound of Claim 1 of formula (I), wherein:

5-4  
A4  
10 R<sup>A</sup> is -NR<sup>12</sup>R<sup>13</sup>;

R<sup>B</sup> is -NR<sup>12</sup>R<sup>13</sup>;

phenyl- substituted with 0-5 fluoro;

naphthyl- substituted with 0-3 R<sup>33</sup>;

15 2-(H<sub>3</sub>CCH<sub>2</sub>C(=O))-phenyl- substituted with R<sup>33</sup>;

2-(H<sub>3</sub>CC(=O))-phenyl- substituted with R<sup>33</sup>;

2-(HC(=O))-phenyl- substituted with R<sup>33</sup>;

2-(H<sub>3</sub>CCH(OH))-phenyl- substituted with R<sup>33</sup>;

2-(H<sub>3</sub>CCH<sub>2</sub>CH(OH))-phenyl- substituted with R<sup>33</sup>;

20 2-(HOCH<sub>2</sub>)-phenyl- substituted with R<sup>33</sup>;

2-(HOCH<sub>2</sub>CH<sub>2</sub>)-phenyl- substituted with R<sup>33</sup>;

2-(H<sub>3</sub>COCH<sub>2</sub>)-phenyl- substituted with R<sup>33</sup>;

2-(H<sub>3</sub>COCH<sub>2</sub>CH<sub>2</sub>)-phenyl- substituted with R<sup>33</sup>;

2-(H<sub>3</sub>CCH(OMe))-phenyl- substituted with R<sup>33</sup>;

25 2-(H<sub>3</sub>COC(=O))-phenyl- substituted with R<sup>33</sup>;

2-(HOCH<sub>2</sub>CH=CH)-phenyl- substituted with R<sup>33</sup>;

2-((MeOC=O)CH=CH)-phenyl- substituted with R<sup>33</sup>;

2-(methyl)-phenyl- substituted with R<sup>33</sup>;

2-(ethyl)-phenyl- substituted with R<sup>33</sup>;

30 2-(i-propyl)-phenyl- substituted with R<sup>33</sup>;

2-(F<sub>3</sub>C)-phenyl- substituted with R<sup>33</sup>;

2-(NC)-phenyl- substituted with R<sup>33</sup>;

2-(H<sub>3</sub>CO)-phenyl- substituted with R<sup>33</sup>;

2-(fluoro)-phenyl- substituted with R<sup>33</sup>;

2-(chloro)-phenyl- substituted with  $R^{33}$ ;  
 3-(NC)-phenyl- substituted with  $R^{33}$ ;  
 3-(H<sub>3</sub>CO)-phenyl- substituted with  $R^{33}$ ;  
 3-(fluoro)-phenyl- substituted with  $R^{33}$ ;  
 5 3-(chloro)-phenyl- substituted with  $R^{33}$ ;  
 4-(NC)-phenyl- substituted with  $R^{33}$ ;  
 4-(fluoro)-phenyl- substituted with  $R^{33}$ ;  
 4-(chloro)-phenyl- substituted with  $R^{33}$ ;  
 4-(H<sub>3</sub>CS)-phenyl- substituted with  $R^{33}$ ;  
 10 4-(H<sub>3</sub>CO)-phenyl- substituted with  $R^{33}$ ;  
 4-(ethoxy)-phenyl- substituted with  $R^{33}$ ;  
 4-(i-propoxy)-phenyl- substituted with  $R^{33}$ ;  
 4-(i-butoxy)-phenyl- substituted with  $R^{33}$ ;  
 4-(H<sub>3</sub>CCH<sub>2</sub>CH<sub>2</sub>C(=O))-phenyl- substituted with  $R^{33}$ ;  
 15 4-((H<sub>3</sub>C)<sub>2</sub>CHC(=O))-phenyl- substituted with  $R^{33}$ ;  
 4-(H<sub>3</sub>CCH<sub>2</sub>C(=O))-phenyl- substituted with  $R^{33}$ ;  
 4-(H<sub>3</sub>CC(=O))-phenyl- substituted with  $R^{33}$ ;  
 4-(H<sub>3</sub>CCH<sub>2</sub>CH<sub>2</sub>CH(OH))-phenyl- substituted with  $R^{33}$ ;  
 4-((H<sub>3</sub>C)<sub>2</sub>CHCH(OH))-phenyl- substituted with  $R^{33}$ ;  
 20 4-(H<sub>3</sub>CCH<sub>2</sub>CH(OH))-phenyl- substituted with  $R^{33}$ ;  
 4-(H<sub>3</sub>CCH(OH))-phenyl- substituted with  $R^{33}$ ;  
 4-(cyclopropyloxy)-phenyl- substituted with  $R^{33}$ ;  
 4-(cyclobutyloxy)-phenyl- substituted with  $R^{33}$ ; or  
 4-(cyclopentyloxy)-phenyl- substituted with  $R^{33}$ ;

25

$R^{12}$  is selected from

phenyl- substituted with 0-5 fluoro;  
 naphthyl- substituted with 0-3  $R^{33}$ ;  
 2-(H<sub>3</sub>CCH<sub>2</sub>C(=O))-phenyl- substituted with  $R^{33}$ ;  
 30 2-(H<sub>3</sub>CC(=O))-phenyl- substituted with  $R^{33}$ ;  
 2-(HC(=O))-phenyl- substituted with  $R^{33}$ ;  
 2-(H<sub>3</sub>CCH(OH))-phenyl- substituted with  $R^{33}$ ;  
 2-(H<sub>3</sub>CCH<sub>2</sub>CH(OH))-phenyl- substituted with  $R^{33}$ ;  
 2-(HOCH<sub>2</sub>)-phenyl- substituted with  $R^{33}$ ;

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- 5 2-(HOCH<sub>2</sub>CH<sub>2</sub>)-phenyl- substituted with R<sup>33</sup>;  
2-(H<sub>3</sub>COCH<sub>2</sub>)-phenyl- substituted with R<sup>33</sup>;  
2-(H<sub>3</sub>COCH<sub>2</sub>CH<sub>2</sub>)-phenyl- substituted with R<sup>33</sup>;  
2-(H<sub>3</sub>CCH(OMe))-phenyl- substituted with R<sup>33</sup>;  
2-(H<sub>3</sub>COOC(=O))-phenyl- substituted with R<sup>33</sup>;  
2-(HOCH<sub>2</sub>CH=CH)-phenyl- substituted with R<sup>33</sup>;  
2-((MeOC=O)CH=CH)-phenyl- substituted with R<sup>33</sup>;  
2-(methyl)-phenyl- substituted with R<sup>33</sup>;  
2-(ethyl)-phenyl- substituted with R<sup>33</sup>;  
10 2-(i-propyl)-phenyl- substituted with R<sup>33</sup>;  
2-(F<sub>3</sub>C)-phenyl- substituted with R<sup>33</sup>;  
2-(NC)-phenyl- substituted with R<sup>33</sup>;  
2-(H<sub>3</sub>CO)-phenyl- substituted with R<sup>33</sup>;  
15 2-(fluoro)-phenyl- substituted with R<sup>33</sup>;  
2-(chloro)-phenyl- substituted with R<sup>33</sup>;  
3-(NC)-phenyl- substituted with R<sup>33</sup>;  
3-(H<sub>3</sub>CO)-phenyl- substituted with R<sup>33</sup>;  
3-(fluoro)-phenyl- substituted with R<sup>33</sup>;  
3-(chloro)-phenyl- substituted with R<sup>33</sup>;  
20 4-(NC)-phenyl- substituted with R<sup>33</sup>;  
4-(fluoro)-phenyl- substituted with R<sup>33</sup>;  
4-(chloro)-phenyl- substituted with R<sup>33</sup>;  
4-(H<sub>3</sub>CS)-phenyl- substituted with R<sup>33</sup>;  
4-(H<sub>3</sub>CO)-phenyl- substituted with R<sup>33</sup>;  
25 4-(ethoxy)-phenyl- substituted with R<sup>33</sup>;  
4-(i-propoxy)-phenyl- substituted with R<sup>33</sup>;  
4-(i-butoxy)-phenyl- substituted with R<sup>33</sup>;  
4-(H<sub>3</sub>CCH<sub>2</sub>CH<sub>2</sub>C(=O))-phenyl- substituted with R<sup>33</sup>;  
4-((H<sub>3</sub>C)<sub>2</sub>CHC(=O))-phenyl- substituted with R<sup>33</sup>;  
30 4-(H<sub>3</sub>CCH<sub>2</sub>C(=O))-phenyl- substituted with R<sup>33</sup>;  
4-(H<sub>3</sub>CC(=O))-phenyl- substituted with R<sup>33</sup>;  
4-(H<sub>3</sub>CCH<sub>2</sub>CH<sub>2</sub>CH(OH))-phenyl- substituted with R<sup>33</sup>;  
4-((H<sub>3</sub>C)<sub>2</sub>CHCH(OH))-phenyl- substituted with R<sup>33</sup>;



4-(H<sub>3</sub>CCH<sub>2</sub>CH(OH))-phenyl- substituted with R<sup>33</sup>;  
4-(H<sub>3</sub>CCH(OH))-phenyl- substituted with R<sup>33</sup>;  
4-(cyclopropyloxy)-phenyl- substituted with R<sup>33</sup>;  
4-(cyclobutyloxy)-phenyl- substituted with R<sup>33</sup>; and  
5 4-(cyclopentyloxy)-phenyl- substituted with R<sup>33</sup>;

R<sup>13</sup> is H, methyl, or ethyl;

Sub  
A4  
10 alternatively, R<sup>12</sup> and R<sup>13</sup> join to form a 5- or 6-membered  
ring selected from pyrrolyl, pyrrolidinyl, imidazolyl,  
piperidinyl, piperiziny, methylpiperiziny, and  
morpholinyl;

15 alternatively, R<sup>12</sup> and R<sup>13</sup> when attached to N may be  
combined to form a 9- or 10-membered bicyclic  
heterocyclic ring system containing from 1-3  
heteroatoms selected from the group consisting of N,  
O, and S; wherein said bicyclic heterocyclic ring  
system is selected from indolyl, indolinyl, indazolyl,  
20 benzimidazolyl, benzimidazolinyl, and benztriazolyl;  
wherein said bicyclic heterocyclic ring system is  
substituted with 0-1 R<sup>16</sup>;

R<sup>16</sup>, at each occurrence, is independently selected from  
25 H, OH, F, Cl, CN, NO<sub>2</sub>, methyl, ethyl, methoxy, ethoxy,  
trifluoromethyl, and trifluoromethoxy; and

R<sup>31</sup>, at each occurrence, is independently selected from  
H, -OH, F, Cl, -CF<sub>3</sub>, -OCF<sub>3</sub>, methyl, ethyl,  
30 methyl-C(=O)-, ethyl-C(=O)-, methoxy, ethoxy,  
methylthio-, ethylthio-, methyl-S(=O)-, ethyl-S(=O)-,  
methyl-SO<sub>2</sub>-, and ethyl-SO<sub>2</sub>-;

R<sup>33</sup>, at each occurrence, is independently selected from  
35 H, F, Cl, -CH<sub>3</sub>, -OCH<sub>3</sub>, -CF<sub>3</sub>, -OCF<sub>3</sub>, -CN, and -NO<sub>2</sub>.

3. A compound of Claim 2 of Formula (I) wherein:

R<sup>A</sup> is selected from

5 phenyl-NH-, (1-naphthyl)-NH-,  
(2-naphthyl)-NH-, (2-[1,1'-biphenyl])-NH-,  
(3-[1,1'-biphenyl])-NH-, (4-[1,1'-biphenyl])-NH-,  
(2-F-phenyl)-NH-, (2-Cl-phenyl)-NH-,  
(2-CF<sub>3</sub>-phenyl)-NH-, (2-CH<sub>3</sub>-phenyl)-NH-,  
10 (2-OMe-phenyl)-NH-, (2-CN-phenyl)-NH-,  
(2-OCF<sub>3</sub>-phenyl)-NH-, (2-SMe-phenyl)-NH-,  
(3-F-phenyl)-NH-, (3-Cl-phenyl)-NH-,  
(3-CF<sub>3</sub>-phenyl)-NH-, (3-CH<sub>3</sub>-phenyl)-NH-,  
(3-OMe-phenyl)-NH-, (3-CN-phenyl)-NH-,  
15 (3-OCF<sub>3</sub>-phenyl)-NH-, (3-SMe-phenyl)-NH-,  
(4-F-phenyl)-NH-, (4-Cl-phenyl)-NH-,  
(4-CF<sub>3</sub>-phenyl)-NH-, (4-CH<sub>3</sub>-phenyl)-NH-,  
(4-OMe-phenyl)-NH-, (4-CN-phenyl)-NH-,  
(4-OCF<sub>3</sub>-phenyl)-NH-, (4-SMe-phenyl)-NH-,  
20 (2,3-diCl-phenyl)-NH-, (2,4-diCl-phenyl)-NH-,  
(2,5-diCl-phenyl)-NH-, (2,6-diCl-phenyl)-NH-,  
(3,4-diCl-phenyl)-NH-, (3,5-diCl-phenyl)-NH-,  
(2,3-diF-phenyl)-NH-, (2,4-diF-phenyl)-NH-,  
(2,5-diF-phenyl)-NH-, (2,6-diF-phenyl)-NH-,  
25 (3,4-diF-phenyl)-NH-, (3,5-diF-phenyl)-NH-,  
(2,3-diCH<sub>3</sub>-phenyl)-NH-, (2,4-diCH<sub>3</sub>-phenyl)-NH-,  
(2,5-diCH<sub>3</sub>-phenyl)-NH-, (2,6-diCH<sub>3</sub>-phenyl)-NH-,  
(3,4-diCH<sub>3</sub>-phenyl)-NH-, (3,5-diCH<sub>3</sub>-phenyl)-NH-,  
(2,3-diCF<sub>3</sub>-phenyl)-NH-, (2,4-diCF<sub>3</sub>-phenyl)-NH-,  
30 (2,5-diCF<sub>3</sub>-phenyl)-NH-, (2,6-diCF<sub>3</sub>-phenyl)-NH-,  
(3,4-diCF<sub>3</sub>-phenyl)-NH-, (3,5-diCF<sub>3</sub>-phenyl)-NH-,  
(2,3-diOMe-phenyl)-NH-, (2,4-diOMe-phenyl)-NH-,  
(2,5-diOMe-phenyl)-NH-, (2,6-diOMe-phenyl)-NH-,  
(3,4-diOMe-phenyl)-NH-, (3,5-diOMe-phenyl)-NH-,  
35 (2-F-3-Cl-phenyl)-NH-, (2-F-4-Cl-phenyl)-NH-,

(2-F-5-Cl-phenyl)-NH-, (2-F-6-Cl-phenyl)-NH-,  
 (2-F-3-CH<sub>3</sub>-phenyl)-NH-, (2-F-4-CH<sub>3</sub>-phenyl)-NH-,  
 (2-F-5-CH<sub>3</sub>-phenyl)-NH-, (2-F-6-CH<sub>3</sub>-phenyl)-NH-,  
 (2-F-3-CF<sub>3</sub>-phenyl)-NH-, (2-F-4-CF<sub>3</sub>-phenyl)-NH-,  
 5 (2-F-5-CF<sub>3</sub>-phenyl)-NH-, (2-F-6-CF<sub>3</sub>-phenyl)-NH-,  
 (2-F-3-OMe-phenyl)-NH-, (2-F-4-OMe-phenyl)-NH-,  
 (2-F-5-OMe-phenyl)-NH-, (2-F-6-OMe-phenyl)-NH-,  
  
 (2-Cl-3-F-phenyl)-NH-, (2-Cl-4-F-phenyl)-NH-,  
 10 (2-Cl-5-F-phenyl)-NH-, (2-Cl-6-F-phenyl)-NH-,  
 (2-Cl-3-CH<sub>3</sub>-phenyl)-NH-, (2-Cl-4-CH<sub>3</sub>-phenyl)-NH-,  
 (2-Cl-5-CH<sub>3</sub>-phenyl)-NH-, (2-Cl-6-CH<sub>3</sub>-phenyl)-NH-,  
 (2-Cl-3-CF<sub>3</sub>-phenyl)-NH-, (2-Cl-4-CF<sub>3</sub>-phenyl)-NH-,  
 (2-Cl-5-CF<sub>3</sub>-phenyl)-NH-, (2-Cl-6-CF<sub>3</sub>-phenyl)-NH-,  
 15 (2-Cl-3-OMe-phenyl)-NH-, (2-Cl-4-OMe-phenyl)-NH-,  
 (2-Cl-5-OMe-phenyl)-NH-, (2-Cl-6-OMe-phenyl)-NH-,  
  
 (2-CH<sub>3</sub>-3-F-phenyl)-NH-, (2-CH<sub>3</sub>-4-F-phenyl)-NH-,  
 (2-CH<sub>3</sub>-5-F-phenyl)-NH-, (2-CH<sub>3</sub>-6-F-phenyl)-NH-,  
 20 (2-CH<sub>3</sub>-3-Cl-phenyl)-NH-, (2-CH<sub>3</sub>-4-Cl-phenyl)-NH-,  
 (2-CH<sub>3</sub>-5-Cl-phenyl)-NH-, (2-CH<sub>3</sub>-6-Cl-phenyl)-NH-,  
 (2-CH<sub>3</sub>-3-CF<sub>3</sub>-phenyl)-NH-, (2-CH<sub>3</sub>-4-CF<sub>3</sub>-phenyl)-NH-,  
 (2-CH<sub>3</sub>-5-CF<sub>3</sub>-phenyl)-NH-, (2-CH<sub>3</sub>-6-CF<sub>3</sub>-phenyl)-NH-,  
 (2-CH<sub>3</sub>-3-OMe-phenyl)-NH-, (2-CH<sub>3</sub>-4-OMe-phenyl)-NH-,  
 25 (2-CH<sub>3</sub>-5-OMe-phenyl)-NH-, (2-CH<sub>3</sub>-6-OMe-phenyl)-NH-,  
  
 (2-CF<sub>3</sub>-3-F-phenyl)-NH-, (2-CF<sub>3</sub>-4-F-phenyl)-NH-,  
 (2-CF<sub>3</sub>-5-F-phenyl)-NH-, (2-CF<sub>3</sub>-6-F-phenyl)-NH-,  
 (2-CF<sub>3</sub>-3-Cl-phenyl)-NH-, (2-CF<sub>3</sub>-4-Cl-phenyl)-NH-,  
 30 (2-CF<sub>3</sub>-5-Cl-phenyl)-NH-, (2-CF<sub>3</sub>-6-Cl-phenyl)-NH-,  
 (2-CF<sub>3</sub>-3-CH<sub>3</sub>-phenyl)-NH-, (2-CF<sub>3</sub>-4-CH<sub>3</sub>-phenyl)-NH-,  
 (2-CH<sub>3</sub>-5-CF<sub>3</sub>-phenyl)-NH-, (2-CF<sub>3</sub>-6-CH<sub>3</sub>-phenyl)-NH-,  
 (2-CF<sub>3</sub>-3-OMe-phenyl)-NH-, (2-CF<sub>3</sub>-4-OMe-phenyl)-NH-,  
 (2-CF<sub>3</sub>-5-OMe-phenyl)-NH-, (2-CF<sub>3</sub>-6-OMe-phenyl)-NH-,  
 35

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(2-OMe-3-F-phenyl)-NH-, (2-OMe-4-F-phenyl)-NH-,  
(2-OMe-5-F-phenyl)-NH-, (2-OMe-6-F-phenyl)-NH-,  
(2-OMe-3-Cl-phenyl)-NH-, (2-OMe-4-Cl-phenyl)-NH-,  
(2-OMe-5-Cl-phenyl)-NH-, (2-OMe-6-Cl-phenyl)-NH-,  
5 (2-OMe-3-CH<sub>3</sub>-phenyl)-NH-, (2-OMe-4-CH<sub>3</sub>-phenyl)-NH-,  
(2-OMe-5-CH<sub>3</sub>-phenyl)-NH-, (2-OMe-6-CH<sub>3</sub>-phenyl)-NH-,  
(2-OMe-3-CF<sub>3</sub>-phenyl)-NH-, (2-OMe-4-CF<sub>3</sub>-phenyl)-NH-,  
(2-OMe-5-CF<sub>3</sub>-phenyl)-NH-, (2-OMe-6-CF<sub>3</sub>-phenyl)-NH-

Sub  
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10 (3-CF<sub>3</sub>-4-Cl-phenyl)-NH-, (3-CF<sub>3</sub>-4-C(O)CH<sub>3</sub>-phenyl)-NH-,  
(2,3,5-triCl-phenyl)-NH-, (3-CH<sub>3</sub>-4-CO<sub>2</sub>Me-phenyl)-NH-, and  
(3-CHO-4-OMe-phenyl)-NH-;

R<sup>B</sup> is selected from

15 2-chlorophenyl, 2-fluorophenyl, 2-bromophenyl,  
2-cyanophenyl, 2-methylphenyl, 2-trifluoromethylphenyl,  
2-methoxyphenyl, 2-trifluoromethoxyphenyl,

20 3-chlorophenyl, 3-fluorophenyl, 3-bromophenyl,  
3-cyanophenyl, 3-methylphenyl, 3-ethylphenyl,  
3-propylphenyl, 3-isopropylphenyl, 3-butylphenyl,  
3-trifluoromethylphenyl, 3-methoxyphenyl,  
3-isopropoxyphenyl, 3-trifluoromethoxyphenyl,  
3-thiomethoxyphenyl,

25 4-chlorophenyl, 4-fluorophenyl, 4-bromophenyl,  
4-cyanophenyl, 4-methylphenyl, 4-ethylphenyl,  
4-propylphenyl, 4-isopropylphenyl, 4-butylphenyl,  
4-trifluoromethylphenyl, 4-methoxyphenyl,  
30 4-isopropoxyphenyl, 4-trifluoromethoxyphenyl,  
4-thiomethoxyphenyl,

2,3-dichlorophenyl, 2,3-difluorophenyl,  
2,3-dimethylphenyl, 2,3-ditrifluoromethylphenyl,  
35 2,3-dimethoxyphenyl, 2,3-ditrifluoromethoxyphenyl,

2,4-dichlorophenyl, 2,4-difluorophenyl,

2,4-dimethylphenyl, 2,4-ditrifluoromethylphenyl,  
 2,4-dimethoxyphenyl, 2,4-ditrifluoromethoxyphenyl,  
  
 2,5-dichlorophenyl, 2,5-difluorophenyl,  
 5 2,5-dimethylphenyl, 2,5-ditrifluoromethylphenyl,  
 2,5-dimethoxyphenyl, 2,5-ditrifluoromethoxyphenyl,  
  
 2,6-dichlorophenyl, 2,6-difluorophenyl,  
 2,6-dimethylphenyl, 2,6-ditrifluoromethylphenyl,  
 10 2,6-dimethoxyphenyl, 2,6-ditrifluoromethoxyphenyl,  
  
 3,4-dichlorophenyl, 3,4-difluorophenyl,  
 3,4-dimethylphenyl, 3,4-ditrifluoromethylphenyl,  
 3,4-dimethoxyphenyl, 3,4-ditrifluoromethoxyphenyl,  
 15  
 2,4,6-trichlorophenyl, 2,4,6-trifluorophenyl,  
 2,4,6-trimethylphenyl, 2,4,6-tritrifluoromethylphenyl,  
 2,4,6-trimethoxyphenyl, 2,4,6-tritrifluoromethoxyphenyl,  
 20  
 2-chloro-4-CF<sub>3</sub>-phenyl, 2-fluoro-3-chloro-phenyl,  
 2-chloro-4-CF<sub>3</sub>-phenyl, 2-chloro-4-methoxy-phenyl,  
 2-methoxy-4-isopropyl-phenyl, 2-CF<sub>3</sub>-4-methoxy-phenyl,  
 2-methyl-4-methoxy-5-fluoro-phenyl,  
 2-methyl-4-methoxy-phenyl, 2-chloro-4-CF<sub>3</sub>O-phenyl,  
 25 2,4,5-trimethyl-phenyl, 2-methyl-4-chloro-phenyl,  
  
 4-acetylphenyl, 3-acetamidophenyl, 2-naphthyl;  
  
 2-Me-5-F-phenyl, 2-F-5-Me-phenyl, 2-MeO-5-F-phenyl,  
 30 2-Me-3-Cl-phenyl, 3-NO<sub>2</sub>-phenyl, 2-NO<sub>2</sub>-phenyl,  
 2-Cl-3-Me-phenyl, 2-Me-4-EtO-phenyl, 2-Me-4-F-phenyl,  
 2-Cl-6-F-phenyl, 2-Cl-4-(CHF<sub>2</sub>)O-phenyl,  
 2,4-diMeO-6-F-phenyl, 2-CF<sub>3</sub>-6-F-phenyl,  
 2-MeS-phenyl, 2,6-diCl-4-MeO-phenyl,  
 35 2,3,4-triF-phenyl, 2,6-diF-4-Cl-phenyl,  
 2,3,4,6-tetraF-phenyl, 2,3,4,5,6-pentaF-phenyl,  
 2-CF<sub>3</sub>-4-EtO-phenyl, 2-CF<sub>3</sub>-4-iPrO-phenyl,

2-CF<sub>3</sub>-4-Cl-phenyl, 2-CF<sub>3</sub>-4-F-phenyl, 2-Cl-4-EtO-phenyl,  
 2-Cl-4-iPrO-phenyl, 2-Et-4-MeO-phenyl,  
 2-CHO-4-MeO-phenyl, 2-CH<sub>3</sub>CH(OH)-4-MeO-phenyl,  
 2-CH<sub>3</sub>CH(OH)-4-F-phenyl, 2-CH<sub>3</sub>CH(OH)-4-Cl-phenyl,  
 5 2-CH<sub>3</sub>CH(OH)-4-Me-phenyl, 2-CH<sub>3</sub>CH(OMe)-4-MeO-phenyl,  
 2-CH<sub>3</sub>C(=O)-4-MeO-phenyl, 2-CH<sub>3</sub>C(=O)-4-F-phenyl,  
 2-CH<sub>3</sub>C(=O)-4-Cl-phenyl, 2-CH<sub>3</sub>C(=O)-4-Me-phenyl,  
 2-H<sub>2</sub>C(OH)-4-MeO-phenyl, 2-H<sub>2</sub>C(OMe)-4-MeO-phenyl,  
 2-H<sub>3</sub>CCH<sub>2</sub>CH(OH)-4-MeO-phenyl, 2-H<sub>3</sub>CCH<sub>2</sub>C(=O)-4-MeO-phenyl,  
 10 2-CH<sub>3</sub>CO<sub>2</sub>CH<sub>2</sub>CH<sub>2</sub>-4-MeO-phenyl,  
 (Z)-2-HOCH<sub>2</sub>CH=CH-4-MeO-phenyl,  
 (E)-2-HOCH<sub>2</sub>CH=CH-4-MeO-phenyl,  
 (Z)-2-CH<sub>3</sub>CO<sub>2</sub>CH=CH-4-MeO-phenyl,  
 15 (E)-2-CH<sub>3</sub>CO<sub>2</sub>CH=CH-4-MeO-phenyl,  
 2-CH<sub>3</sub>OCH<sub>2</sub>CH<sub>2</sub>-4-MeO-phenyl,  
 2-F-4-MeO-phenyl, 2-Cl-4-F-phenyl,  
 cyclohexyl, cyclopentyl, cyclohexylmethyl,  
 20 benzyl, 2-F-benzyl, 3-F-benzyl, 4-F-benzyl,  
 3-MeO-benzyl, 3-OH-benzyl, 2-MeO-benzyl,  
 2-OH-benzyl, 2-MeOC(=O)-3-MeO-phenyl,  
 2-Me-4-CN-phenyl, 2-Me-3-CN-phenyl,  
 2-Me-4-MeS-phenyl, 2-CF<sub>3</sub>-4-CN-phenyl,  
 25 2-CHO-phenyl, 3-CHO-phenyl, 2-HOCH<sub>2</sub>-phenyl,  
 3-HOCH<sub>2</sub>-phenyl, 3-MeOCH<sub>2</sub>-phenyl,  
 3-Me<sub>2</sub>NCH<sub>2</sub>-phenyl, 3-CN-4-F-phenyl,  
 2-Me-4-H<sub>2</sub>NCO-phenyl, 2-Me-4-MeOC(=O)-phenyl,  
 3-H<sub>2</sub>NCO-4-F-phenyl, 2-Me<sub>2</sub>NCH<sub>2</sub>-4-MeO-phenyl-,  
 30 2-Me-4-CH<sub>3</sub>C(=O)-phenyl,  
 phenyl-NH-, (1-naphthyl)-NH-,  
 (2-naphthyl)-NH-, (2-[1,1'-biphenyl])-NH-,  
 (3-[1,1'-biphenyl])-NH-, (4-[1,1'-biphenyl])-NH-,  
 35 (2-F-phenyl)-NH-, (2-Cl-phenyl)-NH-,

(2-CF<sub>3</sub>-phenyl)-NH-, (2-CH<sub>3</sub>-phenyl)-NH-,  
 (2-OMe-phenyl)-NH-, (2-CN-phenyl)-NH-,  
 (2-OCF<sub>3</sub>-phenyl)-NH-, (2-SMe-phenyl)-NH-,  
 (3-F-phenyl)-NH-, (3-Cl-phenyl)-NH-,  
 5 (3-CF<sub>3</sub>-phenyl)-NH-, (3-CH<sub>3</sub>-phenyl)-NH-,  
 (3-OMe-phenyl)-NH-, (3-CN-phenyl)-NH-,  
 (3-OCF<sub>3</sub>-phenyl)-NH-, (3-SMe-phenyl)-NH-,  
 (4-F-phenyl)-NH-, (4-Cl-phenyl)-NH-,  
 (4-CF<sub>3</sub>-phenyl)-NH-, (4-CH<sub>3</sub>-phenyl)-NH-,  
 10 (4-OMe-phenyl)-NH-, (4-CN-phenyl)-NH-,  
 (4-OCF<sub>3</sub>-phenyl)-NH-, (4-SMe-phenyl)-NH-,  
 (2,3-diCl-phenyl)-NH-, (2,4-diCl-phenyl)-NH-,  
 (2,5-diCl-phenyl)-NH-, (2,6-diCl-phenyl)-NH-,  
 (3,4-diCl-phenyl)-NH-, (3,5-diCl-phenyl)-NH-,  
 15 (2,3-diF-phenyl)-NH-, (2,4-diF-phenyl)-NH-,  
 (2,5-diF-phenyl)-NH-, (2,6-diF-phenyl)-NH-,  
 (3,4-diF-phenyl)-NH-, (3,5-diF-phenyl)-NH-,  
 (2,3-diCH<sub>3</sub>-phenyl)-NH-, (2,4-diCH<sub>3</sub>-phenyl)-NH-,  
 (2,5-diCH<sub>3</sub>-phenyl)-NH-, (2,6-diCH<sub>3</sub>-phenyl)-NH-,  
 20 (3,4-diCH<sub>3</sub>-phenyl)-NH-, (3,5-diCH<sub>3</sub>-phenyl)-NH-,  
 (2,3-diCF<sub>3</sub>-phenyl)-NH-, (2,4-diCF<sub>3</sub>-phenyl)-NH-,  
 (2,5-diCF<sub>3</sub>-phenyl)-NH-, (2,6-diCF<sub>3</sub>-phenyl)-NH-,  
 (3,4-diCF<sub>3</sub>-phenyl)-NH-, (3,5-diCF<sub>3</sub>-phenyl)-NH-,  
 (2,3-diOMe-phenyl)-NH-, (2,4-diOMe-phenyl)-NH-,  
 25 (2,5-diOMe-phenyl)-NH-, (2,6-diOMe-phenyl)-NH-,  
 (3,4-diOMe-phenyl)-NH-, (3,5-diOMe-phenyl)-NH-,  
  
 (2-F-3-Cl-phenyl)-NH-, (2-F-4-Cl-phenyl)-NH-,  
 (2-F-5-Cl-phenyl)-NH-, (2-F-6-Cl-phenyl)-NH-,  
 30 (2-F-3-CH<sub>3</sub>-phenyl)-NH-, (2-F-4-CH<sub>3</sub>-phenyl)-NH-,  
 (2-F-5-CH<sub>3</sub>-phenyl)-NH-, (2-F-6-CH<sub>3</sub>-phenyl)-NH-,  
 (2-F-3-CF<sub>3</sub>-phenyl)-NH-, (2-F-4-CF<sub>3</sub>-phenyl)-NH-,  
 (2-F-5-CF<sub>3</sub>-phenyl)-NH-, (2-F-6-CF<sub>3</sub>-phenyl)-NH-,  
 (2-F-3-OMe-phenyl)-NH-, (2-F-4-OMe-phenyl)-NH-,  
 35 (2-F-5-OMe-phenyl)-NH-, (2-F-6-OMe-phenyl)-NH-,

5 (2-Cl-3-F-phenyl)-NH-, (2-Cl-4-F-phenyl)-NH-,  
(2-Cl-5-F-phenyl)-NH-, (2-Cl-6-F-phenyl)-NH-,  
(2-Cl-3-CH<sub>3</sub>-phenyl)-NH-, (2-Cl-4-CH<sub>3</sub>-phenyl)-NH-,  
(2-Cl-5-CH<sub>3</sub>-phenyl)-NH-, (2-Cl-6-CH<sub>3</sub>-phenyl)-NH-,  
(2-Cl-3-CF<sub>3</sub>-phenyl)-NH-, (2-Cl-4-CF<sub>3</sub>-phenyl)-NH-,  
(2-Cl-5-CF<sub>3</sub>-phenyl)-NH-, (2-Cl-6-CF<sub>3</sub>-phenyl)-NH-,  
(2-Cl-3-OMe-phenyl)-NH-, (2-Cl-4-OMe-phenyl)-NH-,  
(2-Cl-5-OMe-phenyl)-NH-, (2-Cl-6-OMe-phenyl)-NH-,

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10 (2-CH<sub>3</sub>-3-F-phenyl)-NH-, (2-CH<sub>3</sub>-4-F-phenyl)-NH-,  
(2-CH<sub>3</sub>-5-F-phenyl)-NH-, (2-CH<sub>3</sub>-6-F-phenyl)-NH-,  
(2-CH<sub>3</sub>-3-Cl-phenyl)-NH-, (2-CH<sub>3</sub>-4-Cl-phenyl)-NH-,  
(2-CH<sub>3</sub>-5-Cl-phenyl)-NH-, (2-CH<sub>3</sub>-6-Cl-phenyl)-NH-,  
(2-CH<sub>3</sub>-3-CF<sub>3</sub>-phenyl)-NH-, (2-CH<sub>3</sub>-4-CF<sub>3</sub>-phenyl)-NH-,  
15 (2-CH<sub>3</sub>-5-CF<sub>3</sub>-phenyl)-NH-, (2-CH<sub>3</sub>-6-CF<sub>3</sub>-phenyl)-NH-,  
(2-CH<sub>3</sub>-3-OMe-phenyl)-NH-, (2-CH<sub>3</sub>-4-OMe-phenyl)-NH-,  
(2-CH<sub>3</sub>-5-OMe-phenyl)-NH-, (2-CH<sub>3</sub>-6-OMe-phenyl)-NH-,

20 (2-CF<sub>3</sub>-3-F-phenyl)-NH-, (2-CF<sub>3</sub>-4-F-phenyl)-NH-,  
(2-CF<sub>3</sub>-5-F-phenyl)-NH-, (2-CF<sub>3</sub>-6-F-phenyl)-NH-,  
(2-CF<sub>3</sub>-3-Cl-phenyl)-NH-, (2-CF<sub>3</sub>-4-Cl-phenyl)-NH-,  
(2-CF<sub>3</sub>-5-Cl-phenyl)-NH-, (2-CF<sub>3</sub>-6-Cl-phenyl)-NH-,  
(2-CF<sub>3</sub>-3-CH<sub>3</sub>-phenyl)-NH-, (2-CF<sub>3</sub>-4-CH<sub>3</sub>-phenyl)-NH-,  
(2-CH<sub>3</sub>-5-CF<sub>3</sub>-phenyl)-NH-, (2-CF<sub>3</sub>-6-CH<sub>3</sub>-phenyl)-NH-,  
25 (2-CF<sub>3</sub>-3-OMe-phenyl)-NH-, (2-CF<sub>3</sub>-4-OMe-phenyl)-NH-,  
(2-CF<sub>3</sub>-5-OMe-phenyl)-NH-, (2-CF<sub>3</sub>-6-OMe-phenyl)-NH-,

30 (2-OMe-3-F-phenyl)-NH-, (2-OMe-4-F-phenyl)-NH-,  
(2-OMe-5-F-phenyl)-NH-, (2-OMe-6-F-phenyl)-NH-,  
(2-OMe-3-Cl-phenyl)-NH-, (2-OMe-4-Cl-phenyl)-NH-,  
(2-OMe-5-Cl-phenyl)-NH-, (2-OMe-6-Cl-phenyl)-NH-,  
(2-OMe-3-CH<sub>3</sub>-phenyl)-NH-, (2-OMe-4-CH<sub>3</sub>-phenyl)-NH-,  
(2-OMe-5-CH<sub>3</sub>-phenyl)-NH-, (2-OMe-6-CH<sub>3</sub>-phenyl)-NH-,  
(2-OMe-3-CF<sub>3</sub>-phenyl)-NH-, (2-OMe-4-CF<sub>3</sub>-phenyl)-NH-,  
35 (2-OMe-5-CF<sub>3</sub>-phenyl)-NH-, (2-OMe-6-CF<sub>3</sub>-phenyl)-NH-



(3-CF<sub>3</sub>-4-Cl-phenyl)-NH-, (3-CF<sub>3</sub>-4-C(O)CH<sub>3</sub>-phenyl)-NH-,  
(2,3,5-triCl-phenyl)-NH-, (3-CH<sub>3</sub>-4-CO<sub>2</sub>Me-phenyl)-NH-, and  
(3-CHO-4-OMe-phenyl)-NH-; and

5

R<sup>31</sup>, at each occurrence, is independently selected from  
H, -OH, F, Cl, -CF<sub>3</sub>, -OCF<sub>3</sub>, methyl, methyl-C(=O)-,  
methoxy, methylthio-, methyl-S(=O)-, and methyl-SO<sub>2</sub>-.

Sub  
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10 4. A pharmaceutical composition comprising a  
pharmaceutically acceptable carrier and a therapeutically  
effective amount of a compound of Claim 1, or a  
pharmaceutically acceptable salt thereof.

15 5. A pharmaceutical composition comprising a  
pharmaceutically acceptable carrier and a therapeutically  
effective amount of a compound of Claim 2, or a  
pharmaceutically acceptable salt thereof.

20 6. A pharmaceutical composition comprising a  
pharmaceutically acceptable carrier and a therapeutically  
effective amount of a compound of Claim 3, or a  
pharmaceutically acceptable salt thereof.

25 7. A method for treating a human suffering from a disorder  
associated with 5HT<sub>2C</sub> receptor modulation comprising  
administering to a patient in need thereof a  
therapeutically effective amount of a compound of Claim 1,  
or a pharmaceutically acceptable salt thereof.

30

8. A method for treating a human suffering from a disorder  
associated with 5HT<sub>2C</sub> receptor modulation comprising  
administering to a patient in need thereof a  
therapeutically effective amount of a compound of Claim 2,  
35 or a pharmaceutically acceptable salt thereof.

9. A method for treating a human suffering from a disorder associated with 5HT2C receptor modulation comprising administering to a patient in need thereof a therapeutically effective amount of a compound of Claim 3, or a pharmaceutically acceptable salt thereof.

10. A method of Claim 7 for treating a human suffering from a disorder associated with 5HT2C receptor modulation wherein the compound is a 5HT2C agonist.

11. A method of Claim 8 for treating a human suffering from a disorder associated with 5HT2C receptor modulation wherein the compound is a 5HT2C agonist.

12. A method of Claim 9 for treating a human suffering from a disorder associated with 5HT2C receptor modulation wherein the compound is a 5HT2C agonist.

13. A method for treating obesity comprising administering to a patient in need thereof a therapeutically effective amount of a compound of Claim 1, or a pharmaceutically acceptable salt thereof.

14. A method for treating obesity comprising administering to a patient in need thereof a therapeutically effective amount of a compound of Claim 2, or a pharmaceutically acceptable salt thereof.

15. A method for treating obesity comprising administering to a patient in need thereof a therapeutically effective amount of a compound of Claim 3, or a pharmaceutically acceptable salt thereof.